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R. Hayes

1645

**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/956,518A**

DATE: 04/14/1999
TIME: 14:36:27

INPUT SET: S31454.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

SEQUENCE LISTING
ENT

1 (1) General Information:
2
3 (i) APPLICANT: Leonard, Sherry
4 Freedman, Robert
5
6 (ii) TITLE OF INVENTION: ALPHA-7 NICOTINIC RECEPTOR
7
8 (iii) NUMBER OF SEQUENCES: 121
9
10 (iv) CORRESPONDENCE ADDRESS:
11 (A) ADDRESSEE: MEDLEN & CARROLL, LLP
12 (B) STREET: 220 Montgomery Street, Suite 2200
13 (C) CITY: San Francisco
14 (D) STATE: CA
15 (E) COUNTRY: USA
16 (F) ZIP: 94104
17
18 (v) COMPUTER READABLE FORM:
19 (A) MEDIUM TYPE: Floppy disk
20 (B) COMPUTER: IBM PC compatible
21 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
22 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
23
24 (vi) CURRENT APPLICATION DATA:
25 (A) APPLICATION NUMBER: US 08/956,518
26 (B) FILING DATE: 23-OCT-1997
27 (C) CLASSIFICATION:
28
29 (viii) ATTORNEY/AGENT INFORMATION:
30 (A) NAME: MacKnight, Kamrin T.
31 (B) REGISTRATION NUMBER: 38,230
32 (C) REFERENCE/DOCKET NUMBER: UTC-03042
33
34 (ix) TELECOMMUNICATION INFORMATION:
35 (A) TELEPHONE: 415-705-8410
36 (B) TELEFAX: 415-397-8338
37
38 (2) INFORMATION FOR SEQ ID NO:1:
39
40 (i) SEQUENCE CHARACTERISTICS:
41 (A) LENGTH: 21 base pairs
42 (B) TYPE: nucleic acid
43 (C) STRANDEDNESS: single

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47 (D) TOPOLOGY: linear
48
49 (ii) MOLECULE TYPE: other nucleic acid
50 (A) DESCRIPTION: /desc = "DNA"
51
52
53
54
55 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
56
57 TCCTGATGTC GGCTCCCAAC T 21
58
59 (2) INFORMATION FOR SEQ ID NO:2:
60
61 (i) SEQUENCE CHARACTERISTICS:
62 (A) LENGTH: 21 base pairs
63 (B) TYPE: nucleic acid
64 (C) STRANDEDNESS: single
65 (D) TOPOLOGY: linear
66
67 (ii) MOLECULE TYPE: other nucleic acid
68 (A) DESCRIPTION: /desc = "DNA"
69
70
71
72
73 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
74
75 GGTACGGATG TGCCAAGGAT A 21
76
77 (2) INFORMATION FOR SEQ ID NO:3:
78
79 (i) SEQUENCE CHARACTERISTICS:
80 (A) LENGTH: 21 base pairs
81 (B) TYPE: nucleic acid
82 (C) STRANDEDNESS: single
83 (D) TOPOLOGY: linear
84
85 (ii) MOLECULE TYPE: other nucleic acid
86 (A) DESCRIPTION: /desc = "DNA"
87
88
89
90
91 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
92
93 TTTGGGGGTG CTAATCCAGG A 21
94
95 (2) INFORMATION FOR SEQ ID NO:4:
96
97 (i) SEQUENCE CHARACTERISTICS:
98 (A) LENGTH: 21 base pairs
99 (B) TYPE: nucleic acid

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100 (C) STRANDEDNESS: single
101 (D) TOPOLOGY: linear
102
103 (iii) MOLECULE TYPE: other nucleic acid
104 (A) DESCRIPTION: /desc = "DNA"
105
106
107
108
109 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
110
111 TTGTTTCTCCT TCCACCAAGTC A
112
113 (2) INFORMATION FOR SEQ ID NO:5:
114
115 (i) SEQUENCE CHARACTERISTICS:
116 (A) LENGTH: 22 base pairs
117 (B) TYPE: nucleic acid
118 (C) STRANDEDNESS: single
119 (D) TOPOLOGY: linear
120
121 (ii) MOLECULE TYPE: other nucleic acid
122 (A) DESCRIPTION: /desc = "DNA"
123
124
125
126
127 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
128
129 CTCGCTGCAG CTCCGGGACT CA
130
131 (2) INFORMATION FOR SEQ ID NO:6:
132
133 (i) SEQUENCE CHARACTERISTICS:
134 (A) LENGTH: 20 base pairs
135 (B) TYPE: nucleic acid
136 (C) STRANDEDNESS: single
137 (D) TOPOLOGY: linear
138
139 (ii) MOLECULE TYPE: other nucleic acid
140 (A) DESCRIPTION: /desc = "DNA"
141
142
143
144
145 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
146
147 GGAGGGCTCAG GGAGAAAGTAG
148
149 (2) INFORMATION FOR SEQ ID NO:7:
150
151 (i) SEQUENCE CHARACTERISTICS:
152 (A) LENGTH: 21 base pairs

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(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid
(A) DESCRIPTION: /desc = "DNA"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
CTCCAGGATC TTGGCCAAGT C

(2) INFORMATION FOR SEQ ID NO:8:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 21 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid
(A) DESCRIPTION: /desc = "DNA"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
AGATGCCCAA GTGGACCAGA G

(2) INFORMATION FOR SEQ ID NO:9:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 337 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid
(A) DESCRIPTION: /desc = "DNA"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
AGATGCCCAA GTGGACCAGA GTCATCCTTC TGAACCTGGTC
AGAGGGCCCGG GGAGGGACAAG GTGCGCCCGG CCTGCCAGCA
TGGCCAGTGT GGAGAGTGAGC GCCGTGGGCC CGCCGCCCCG

**RAW SEQUENCE LISTING
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206 207 ACATCGGCTT CCGCGGCCTG GACGGCGTGC ACTGTGTCCC GACCCCCGAC TCTGGGGTAG 240
208 209 TGTGTGGCCG CATGGCCTGC TCCCCCACGC ACGATGAGCA CCTCCTGCAC GGCGGGCAAC 300
210 211 CCCCCGAGGG GGACCCGGAC TTGGCCAAGA TCCTGGA 337
212
213 (2) INFORMATION FOR SEQ ID NO:10:
214
215 (i) SEQUENCE CHARACTERISTICS:
216 (A) LENGTH: 32 base pairs
217 (B) TYPE: nucleic acid
218 (C) STRANDEDNESS: single
219 (D) TOPOLOGY: linear
220
221 (ii) MOLECULE TYPE: other nucleic acid
222 (A) DESCRIPTION: /desc = "DNA"
223
224
225
226
227 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
228
229 CACACACACA CACACACACA CACACACACA CA 32
230
231 (2) INFORMATION FOR SEQ ID NO:11:
232
233 (i) SEQUENCE CHARACTERISTICS:
234 (A) LENGTH: 54 base pairs
235 (B) TYPE: nucleic acid
236 (C) STRANDEDNESS: single
237 (D) TOPOLOGY: linear
238
239 (ii) MOLECULE TYPE: other nucleic acid
240 (A) DESCRIPTION: /desc = "DNA"
241
242
243
244
245 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
246
247 CACACACACA TCACACACAC ACACACACAC ACACATACAC ACACACACCA CACA 54
248
249 (2) INFORMATION FOR SEQ ID NO:12:
250
251 (i) SEQUENCE CHARACTERISTICS:
252 (A) LENGTH: 16 base pairs
253 (B) TYPE: nucleic acid
254 (C) STRANDEDNESS: single
255 (D) TOPOLOGY: linear
256
257 (ii) MOLECULE TYPE: other nucleic acid
258 (A) DESCRIPTION: /desc = "DNA"

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SEQUENCE VERIFICATION REPORT
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Original Text